

Rosman Loop Bicycle Route. Bicycle Route 1 then proceeds east along East Fork Road, then north along Walnut Hollow Road to Island Ford Road, where Route 1 intersects with Bicycle Route 4. Bicycle Route 1 follows Island Ford Road north to Country Club Road, where there is an intersection with Bicycle Route 6. Bicycle Routes 1 and 6 both proceed east on Country Club Road to Illahee Road, where Route 6 diverges. Bicycle Route 1 continues along Country Club Road into Brevard, then proceeds straight on Broad Street to Main Street, where Route 1 intersects with Bicycle Route 6 once again. Bicycle Route 1 continues north along Broad Street, then east along Old Hendersonville Road to Davidson River Road, where Route 1 intersects with NC Bicycle Route 8 (Southern Highlands). Bicycle Route 1 and NC Bicycle Route 8 both continue east along Old Hendersonville Road to Everett Road, where Route 8 diverges. From this point, Bicycle Route 1 continues east along Old Hendersonville Road, then south along Crab Creek Road to Talley Road, where Route 1 intersects with Bicycle Route 3. Bicycle Route 1 then follows Crab Creek Road south to Everett Road, where Route 1 terminates at an intersection with NC Bicycle Route 8 (Southern Highlands). Most of the roads along this route are 2-lane facilities, with the exception of Broad Street through the City of Brevard, which has 3 to 5 lanes. Speed limits on this route range from 20 miles per hour in Downtown Brevard to 55 miles per hour in rural areas.

Existing Conditions

2004 AADT volumes along Transylvania County Bicycle Route 1 range from 500 vehicles per day (vpd) on East Fork Road to 30,000 vpd on North Broad Street (US 64). Current practical capacities of the roadways along this route range from 8,000 vpd to 26,300 vpd. 2004 automobile volume-to-capacity ratios are higher than 1.0 (over capacity) along Broad Street (US 64) between French Broad Avenue and Old Hendersonville Road. 2004 automobile volume-to-capacity ratios are between 0.85 and 1.0 (approaching capacity) along Broad Street between Rosman Highway and Varsity Street and between Main Street and French Broad Avenue.

Projected Conditions

With the highway projects recommended in the CTP in place, 2030 projected traffic volumes along Transylvania County Bicycle Route 1 range from 900 vpd on US 178 to 20,400 vpd on North Broad Street. Practical capacities of the roadways along this route are projected to range from 8,000 vpd to 26,300 vpd. No sections of roadway along Route 1 are projected to be approaching or exceeding capacity in 2030. BCI scores along this route are projected to range from C to E, with the section of Broad Street between Caldwell Street and Old Hendersonville Road receiving high priority (BCI score of E).

- **System Linkages**

Existing Bicycle Networks

Transylvania County Bicycle Route 1 is part of a network of bicycle routes that have been mapped and signed by NCDOT in Transylvania County. This route connects the Town of Rosman with the Little River community, by way of the City of Brevard. Route 1 intersects with several other mapped bicycle routes in the county, including: Route 3 (in Little River), Route 4 (near Connetsee), Route 5 (in Rosman), Route 6 (in Rosman, near Selica, and in Brevard), Route 8 (in Little River and near Pisgah Forest), and the Rosman Loop Route (in Rosman).

Transportation Plans

The majority of Transylvania County Bicycle Route 1 is designated as an on-road bicycle facility on the CTP—a small section, between the Old Hendersonville Road/Neely Road intersection and the Old Hendersonville Road/Wilson Road intersection, is designated as an off-road bicycle facility on the CTP. Most of the highways along Route 1 are designated as Other Major Thoroughfares (US 178 and US 64) or Minor Thoroughfares on the CTP—a short section of Broad Street (US 64) between Caldwell Street and Old Hendersonville Road is designated as a Boulevard. Several highway improvements are recommended along this route, including: minor widening on East Fork Road to provide 10' travel lanes; minor widening on Island Ford Road to provide 10' travel lanes; minor widening on Country Club Road to provide 10' travel lanes from Island Ford Road to